

In the Specification

Please replace paragraph 0025 with the following rewritten paragraph:

[0025] The LED lamp 100 includes an AC/DC converter ~~446~~ 125 that converts the AC power from the screw base 104 to DC power. In general, AC/DC converters are well known. The AC/DC converter ~~446~~ 125 may be any conventional converter that is small enough to fit in the LED lamp 100 near the screw base 104.

Please replace paragraph 0026 with the following rewritten paragraph:

[0026] An LED 120 is located at the base of the optical reflector 110 such that the optical reflector 110 can control the direction of the light emitted from the light emitting diode. The LED 120 is electrically coupled to the AC/DC converter ~~446~~ 125. The LED 120 is, by way of example, a Luxeon 500lm LED, which can be purchased from Lumileds Lighting U.S., LLC, located in San Jose, California. It should be understood that any desired LED may be used with the present invention. Moreover, while Fig. 3 illustrates a single LED 120 in the LED lamp 100, it should be understood that if desired, a plurality of LEDs may be used to generate the desired luminosity or the desired color of light.

Please replace paragraph 0027 with the following rewritten paragraph:

[0027] The LED 120 is mounted to a heat sink 130 by bolts, rivets, solder or any other appropriate mounting method. The heat sink 130 is, e.g., manufactured from aluminum, aluminum alloy, brass, steel, stainless steel, or any other thermally conductive materials, compounds, or composites. Heat sink 130 is shown in more detail in Figs. 4A, 4B, and 4C, which show a top plan view, cross-sectional view (along line AA in Fig. 4A), and bottom plan view of heat sink 130 respectively. As illustrated in Figs. 4A, 4B, and 4C, heat sink 130 includes a base 132 and a plurality of fins 136 extending from the base. If desired, heat pipes, illustrated by heat pipe 136a, may be used in place of fins 136, or a combination of fins and heat pipes may be used.

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